

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: MATSUMURA, Yasuo, et al.

Group Art Unit: 1761

Serial No.: 10/648,806

Examiner: To Be Assigned

Filed: August 27, 2003

For: METHOD OF DEAMIDATION OF MILK PROTEIN AND METHOD OF  
DENATURATION OF MILK PROTEIN

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 30, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

The International Search Report and International Preliminary Examination Report are also enclosed.

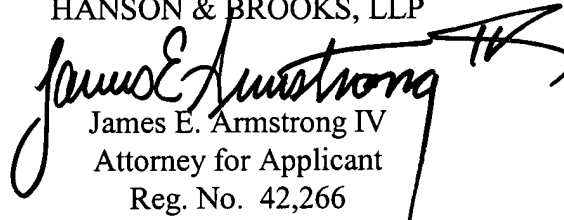
No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,  
HANSON & BROOKS, LLP

  
James E. Armstrong IV  
Attorney for Applicant  
Reg. No. 42,266

JAM/xl  
Atty. Docket No. **031069**  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006  
(202) 659-2930



23850

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (18)  
International Search Report dated May 21, 2002  
International Preliminary Examination Report dated September 23, 2003



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 031069	Serial No. 10/648,806
	Applicant(s): MATSUMURA, Yasuo, et al.	
	Filing Date: August 27, 2003	Group Art Unit: 1761

#### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	5,082,672	Hamada et al.	01/21/92	426	7
_____	AB	4,687,739	Sugisawa et al.	08/18/87	435	69

#### FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AC EP 0 976 829 A2	02/02/00	European	
_____ AD 7-99893	04/18/95	Japan	Yes
_____ AE EP 0 966 887 A1	12/29/99	European	
_____ AF 48-75760	10/12/73	Japan	No

#### OTHER DOCUMENTS

OTHER DOCUMENTS

_____	AG	Molecular Approaches to Improving Food Quality and Safety, D. Chatnagar and T. E. Cleveland, eds., Van Nostrand Reinhold, New York, 1992, Chapter 2, Shih et al., p.37-59		
_____	AH	Kato et al., J. Agric. Food Chem., 35, 224-227, 1987		
_____	AI	Motoki et al., Agric. Biol. Chem., 50, 3025-3030, 1986		
_____	AJ	J. S. Hamada and W. E. Marshall, J. Food Sci., 54, 598-601 & 635, 1989		
_____	AK	Kikuchi et al., Biochemistry, Vol. 10, 1222-1229, 1971		
_____	AL	Gill et al., Ir. J. Food Sci. Technol., Vol. 9, 33-41, 1985		
_____	AM	D. Panyam and A. Kilara, Trends in Food Sci. Tech., Vol. 7, 120-125, 1996		
_____	AN	Matsumura et al., Food Hydrocol., Vol.8, 555-566, 1994		
_____	AO	Brew et al., Biol. Chem., Vol.245, 4570-4582, 1970		
_____	AP	Kuwajima et al., Biochemistry, Vol. 29, 8240-8249, 1990		
_____	AQ	Matsumura et al., Journal of the Japanese Society of Food Engineering, Vol. 22, No. 2 (2002), P57-64		
_____	AR	Gu et al., J. Agric. Food Chem. 2001, 49, 5999-6005		
<table><tr><td>Examiner</td><td>Date Considered</td></tr></table>			Examiner	Date Considered
Examiner	Date Considered			